

## PNOZ ms3p TTL

773826



PNOZmulti Classic, expansion module, failsafe, motion monitoring of 2 axes, 2 incremental encoders, differential input, Sin/Cos, TTL(RS422), RJ45 female connector, 8-pin, adapter cable as an accessory.

## Technical details

### General data

Approval: CE, UKCA, cULus Listed, EAC (Eurasian), TÜV

### Technical data

### Electrical data

Purpose of UINT1: Module supply

Source of internal voltage: Via base unit

Voltage type of UINT1: DC

Tolerance of UINT. Module: -2 %/+2 %

### Input incremental encoder

Connection (increment encoder): 8-pin RJ-45 female connector

Phase pos. diff.sign. inc. enc.:  $90^\circ \pm 30^\circ$

Prog. mon. fun. wo hyst. incr.: 0.1 Hz - 500 kHz

Prog. mon. fun. w hyst. incr.: 0.2 Hz - 500 kHz

### Environmental data

Ambient temperature standard: EN 60068-2-14

Ambient temperature: 0 - 60 °C

Storage temperature standard: EN 60068-2-1/-2

Climatic suitability standard: EN 60068-2-30, EN 60068-2-78

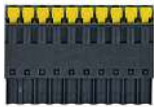
Humidity rating: 93 % r. h. at 40 °C

Condensation permitted?: Not permitted

Perm. operating height ASL:	2000 m
EMC to standard ....:	EN 61131-2
Vibration to standard ....:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	III
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
<b>Times</b>	
Reaction time at F < 100 Hz:	10 ms + 1/f
<b>Mechanical data</b>	
Mounting position:	horizontal on top hat rail
DIN-rail dimensions:	35 x 7.5 EN 50022
Housing material lower section:	PPO UL 94 V0
Housing material front plate:	ABS UL 94 V0
Connection terminal:	Screw terminal, Spring-loaded terminal
Flex. cond. c/s AWG info:	24 - 16 AWG
Height dimension:	94 mm
Width dimension:	45 mm
Depth dimension:	121 mm
Net weight:	220 g
Gross weight:	290 g
<b>Environment</b>	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548065305

ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242205
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001422
Volume:	0.671 dm3

## Obligatory accessories



783800

PNOZms1p Set spring loaded terminals



793800

PNOZms1p/ms2p Set plug in screw terms

## Optional accessories



773880

PNOZ msi b1 Box 15p



773882

PNOZ msi b1 Box 9p



773860

PNOZ msi6p Adapter Elau 9/9 2,5m



773881

PNOZ msi b0 cable 15/RJ45



773859

PNOZ msi6p Adapter Elau 9/9 7,5m



773858

PNOZ msi5p Adapter Bo/Rex 15/15 1,5m



773839

PNOZ msi1 Bp Adapter Si/Ha 25/25 5m



773872

PNOZ msi S025



773875

PNOZ msi17p Bos/Rex 15/15 5,0m



773874

PNOZ msi15p Adapter Tendo 15/15 2,5m



773855

PNOZ msi11p Adapter Cable 1,5m












773854

PNOZ msi10p Adapter Cable 2,5m



773879

PNOZ MSI20P PARKER HD 15/15 2,5M

	773857	PNOZ msi5p Adapter Bo/Rex 15/15 2,5m
	773878	PNOZ msi14p Leroy 15/15 2,5m
	773856	PNOZ msi 9p adapter cable 5m
	773871	PNOZ msi S15
	773870	PNOZ msi S09
	779110	PNOZmulti Bus-Terminator
	773869	PNOZ msi13p Fanuc 20/20 2,5m
	773847	PNOZ MSI19P ADAPTER ELAU PACDrive3 2,5m
	774639	KOP-XE



773884

PNOZ msi b0 cable 25/RJ45



773862

PNOZ msi8p Adapter Lenze 9/9 2,5m



773840

PNOZ msi1Ap Adapter Si/Ha 25/25 2,5m



773883

PNOZ msi b1 Box 25p



773861

PNOZ msi6p Adapter Elau 9/9 1,5m



773864

PNOZ msi7p Adapter SEW 15/15 2,5m



773842

PNOZ msi3Ap Adapter Si/Ha 15/15 2,5m



773863

PNOZ msi8p Adapter Lenze 9/9 1,5m



773841

PNOZ msi1Bp Adapter Si/Ha 25/25 2,5m



773844

PNOZ msi1AP Adapter Si/Ha 25/25 5m



773865

PNOZ msi7p Adapter SEW 15/15 1,5m



773843

PNOZ msi3Bp Adapter Si/Ha 15/15 2,5m



773868

PNOZ msi12p Rockwell 15/15 2,5m



773846

PNOZ MSI19P ADAPTER ELAU PACDrive3 1,5m



773867

PNOZ msi16p ADAPTER Baumuell 15/15 2,5m



773845

PNOZ msi b4 Box